AMENDMENTS TO THE CLAIMS

Claims 1-30 are pending in the instant application. Claims 1, 11, 21 and 27 have been amended. The Applicant requests reconsideration of the claims in view of the following amendments reflected in the listing of claims.

Listing of claims:

1. (Currently Amended)   A method for communicating information, the method comprising:

in a server comprising a common switch and a plurality of blade servers, said server performing functions comprising:

receiving at said common switch, at least one packet from a first blade server of said plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus;

determining by said common switch, at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet;

modifying by said common switch, said at least one packet from said first blade server by changing said first identifier within said header portion; and

routing via said common switch, at least a portion of said modified at least one received packet from said first blade server to at least said second blade server, based on said header portion of said modified at least one received packet[[;]],

wherein said changing of said first identifier within said header portion comprises overwriting within said header portion of said modified at least one packet, said first identifier with said third identifier located within said modified at least one packet, by using said common switch.

2.   (Previously Presented)   The method according to claim 1, comprising transferring said header portion of said modified at least one received packet to said at least said second blade server via said common switch.

3.   (Previously Presented)   The method according to claim 1, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said switch blade controls said routing of said header portion of said modified at least one received packet.

4.   (Previously Presented)   The method according to claim 1, wherein said common bus comprises a common backplane.

5.   (Previously Presented)   The method according to claim 1, wherein said common switch comprises a bus transceiver and a bus controller.

6.   (Previously Presented) The method according to claim 1, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or an IP address.

7.   (Previously Presented) The method according to claim 1, comprising:

acquiring said second identifier of said first blade server; and

transferring via said common switch, said acquired second identifier of said first blade server to at least said second blade server.

8.   (Previously Presented)   The method according to claim 1, comprising broadcasting said header portion of said modified at least one received packet via said common switch.

9.   (Previously Presented)   The method according to claim 1, comprising receiving a broadcast containing said modified at least one received packet.

10.   (Previously Presented)   The method according to claim 1, comprising receiving at least one packet from said second blade server and transferring via said common switch, said header portion of said modified at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

11.   (Currently Amended)   A non-transitory machine-readable storage having stored thereon, a computer program having at least one code section for communicating information, the at least one code section being executable by a machine for causing the machine to perform steps comprising:

in a server comprising a common switch and a plurality of blade servers, said server performing functions comprising:

receiving at said common switch, at least one packet from a first blade server of said plurality of blade servers, wherein said at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus;

determining by said common switch, at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet;

modifying by said common switch, said at least one packet from said first blade server by changing said first identifier within said header portion; and

routing via said common switch, at least a portion of said modified at least one received packet from said first blade server to at least said second blade server, based on said header portion of said modified at least one received packet[[;]].

wherein said changing of said first identifier within said header portion comprises overwriting within said header portion of said modified at least one packet, said first identifier with said third identifier located within said modified at least one packet, by using said common switch.

12.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, comprising code for transferring said header portion of said modified at least one received packet to said at least said second blade server via said common switch.

13.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said machine-readable storage comprises code for controlling said routing of said header portion of said modified received packet by said switch blade coupled to said common bus.

14.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, wherein said common bus comprises a backplane.

15.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, wherein said common switch comprises a bus transceiver and a bus controller.

16.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or an IP address.

17.   (Previously Presented)   The non-transitory machine-readable storage according to claim 11, comprising:

code for acquiring said second identifier of said first blade server; and

transferring via said common switch, said acquired second identifier of said first blade server to at least said second blade server.

18. (Previously Presented) The non-transitory machine-readable storage according to claim 11, comprising code for broadcasting said header portion of said modified at least one received packet via said common switch.

19. (Previously Presented) The non-transitory machine-readable storage according to claim 11, comprising code for receiving a broadcast containing said modified at least one received packet.

20. (Previously Presented) The non-transitory machine-readable storage according to claim 11, comprising code for receiving at least one packet from said second blade server and transferring via said common switch, said header portion of said modified at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

21. (Currently Amended) A system for communicating information, the system comprises:

at least one processor in a common switch that enables receiving at least one packet from a first blade server of a plurality of blade servers, wherein said

at least one packet is designated for at least a second blade server of said plurality of blade servers, and wherein said first blade server and said at least a second blade server are coupled to said common switch via a common bus in a server;

said at least one processor determines at least a first identifier identifying said common switch, a second identifier identifying said first blade server, and at least a third identifier identifying said second blade server, wherein said first, second and third identifiers are located within a header portion of said received at least one packet;

said at least one processor modifies said at least one packet from said first blade server by changing said first identifier within said header portion; and

said at least one processor routes via said common switch, at least a portion of said modified at least one received packet from said first blade server to at least said second blade server, based on said header portion of said modified at least one received packet[[;]].

wherein said changing of said first identifier within said header portion comprises overwriting within said header portion of said modified at least one packet, said first identifier with said third identifier located within said modified at least one packet, by using said common switch.

22.   (Previously Presented) The system according to claim 21, wherein said at least one processor transfers said header portion of said at least one received packet to said at least said second blade server via said common switch.

23.   (Previously Presented) The system according to claim 21, wherein said common switch comprises a switch blade coupled to said common bus, and wherein said at least one processor controls said routing of said header portion of said received packet by said switch blade coupled to said common bus.

24.   (Previously Presented) The system according to claim 21, wherein said common bus comprises a backplane.

25.   (Previously Presented) The system according to claim 21, wherein said common switch comprises a bus transceiver and a bus controller.

26.   (Previously Presented) The system according to claim 21, wherein each of said first, second, and third identifiers comprises one or both of a MAC address and/or an IP address.

27. (Currently Amended) The system according to claim 21, wherein said at least one processor:

acquires said second identifier of said first blade server; and

~~transferring~~transfers via said common switch, said acquired second identifier of said first blade server to at least said second blade server.

28. (Previously Presented) The system according to claim 21, wherein said at least one processor broadcasts said header portion of said modified at least one received packet via said common switch.

29. (Previously Presented) The system according to claim 21, wherein said at least one processor receives a broadcast containing said at least one received packet.

30. (Previously Presented) The system according to claim 21, wherein said at least one processor receives at least one packet from said second blade server and transfers via said common switch, said header portion of said at least one packet received from said second blade server to at least one of said first blade server and a third blade server.

31-33. (Canceled)